

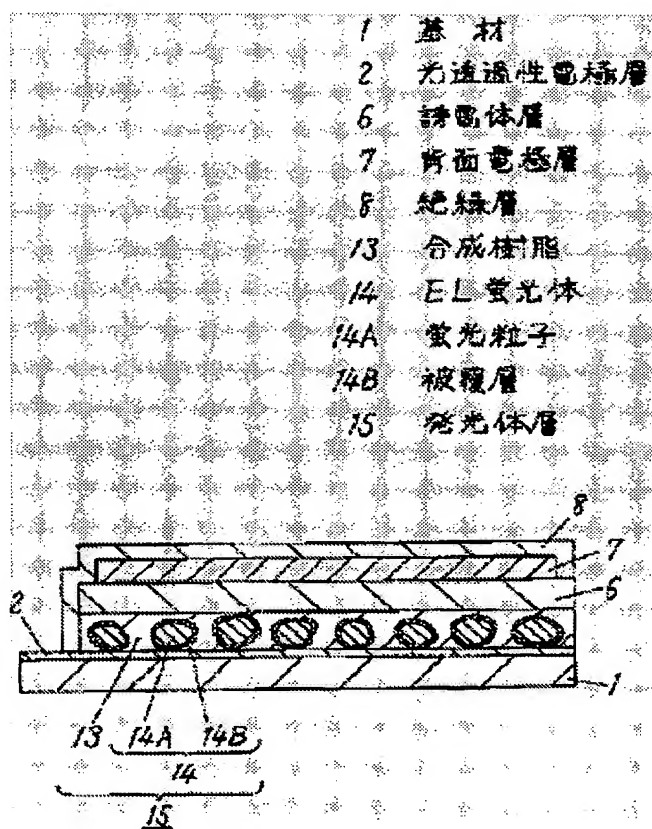
EL PHOSPHOR AND EL ELEMENT USING SAME

Patent number: JP2002324671
Publication date: 2002-11-08
Inventor: TANABE KOJI; CHIKAHISA YOSUKE
Applicant: MATSUSHITA ELECTRIC IND CO LTD
Classification:
- international: C09K11/00; C09K11/08; C23C14/58; H05B33/10; H05B33/14; H05B33/20; C09K11/00; C09K11/08; C23C14/58; H05B33/10; H05B33/12; H05B33/14; (IPC1-7): H05B33/10; C09K11/00; C09K11/08; C23C14/58; H05B33/14; H05B33/20
- european:
Application number: JP20010128886 20010426
Priority number(s): JP20010128886 20010426

[Report a data error here](#)

Abstract of JP2002324671

PROBLEM TO BE SOLVED: To provide EL phosphor with little deterioration in brightness with which a dense coating layer can be formed and an EL element using the same, for one used for a display part, illumination of an operating part or the like of electronic equipment. **SOLUTION:** After phosphor particles 14A are continuously exposed to metal vapor to form a metal thin film on the surface, they are continuously exposed to ozone or oxygen plasma atmosphere to convert the metal thin film into a transparent metal oxide thin film, and form a coating layer 14B on the surface of the phosphor particles 14A, whereby, a dense coating layer can be formed, hence, an EL phosphor 14 with little deterioration in brightness.



Data supplied from the esp@cenet database - Worldwide